



"Hight, Paul"
<HightPK@cdm.com>
04/23/2007 02:19 PM

To James Hanley/EPR/R8/USEPA/US@EPA
cc "Fundingsland, Steven" <FundingslandSD@cdm.com>
bcc
Subject RE: Status of CADD updates to as-built water management infrastructure at GEM

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Jim - the figure is not color coded relative to the various pipelines shown. Therefore, let me describe the various pipelines based on their locations and functions. Also note that there is additional diesel fuel storage (1000 gallons each) at the water treatment plant, Strawberry pumphouse, and Ruby pumphouse. These are the three new AST's we just recently put online here at the site.

1. GREEN

- a. From Anchor Hill (AH) to Strawberry (STR) Creek was for discharge of compliant AH waters from the site. This line has not been used for over one year due to the transfer last Spring of ARD waters into AH pit.
- b. ARD from Hoodoo UST and pumpback station is pumped into Sunday Pit.

2. RED

- a. ARD from the Dakota Maid Pit to AH pit.
- b. Excess ARD from Pond D to Sunday Pit. Not used since last Spring.
- c. WTP discharge to STR Creek (treated and in compliance) or back to Sunday Pit (non-compliant water)

3. BLUE

- a. ARD water from STR Pond to WTP (feed source)
- b. ARD from Sunday Pit to AH pit.
- c. ARD from the HLP to AH pit. Note that this ARD water can also be directed to Dakota Maid pit when desired (not shown on the figure)

4. YELLOW

- a. ARD from the Ruby Repository pumphouse to Sunday pit.

I hope this helps - I believe that whoever created the figure used the different colors only to show different pipelines --- no color coding system intended.

Paul Hight

-----Original Message-----

From: Hanley.James@epamail.epa.gov [mailto:Hanley.James@epamail.epa.gov]

Sent: Monday, April 23, 2007 11:34 AM

To: Hight, Paul

Cc: Fundingsland, Steven

Subject: RE: Status of CADD updates to as-built water management infrastructure at GEM

Paul,

This is helpful; let me see if I have captured your ideas:

red blocks represent the standby generator operational data; diesel fuel tank capacity translates into the available runtimes w/o refueling.

blue blocks represent the pump data include pump curve operating point and whether a standby generator is wired to the pump.

green lines represent untreated, pumped ARD flows.

blue lines represent ?

red lines represent ?

I am sure that I do not understand the color coding system for wastewater flows. Can you send me some additional amplification.

R/,

Jim Hanley

USEPA

Superfund Remedial

Hanley.james@epa.gov

303.312.6725 office (0730 -1700 M-F)

800.227.8917 (all other times)

720.951.0952 (mobile)

1595 Wynkoop Street

Mail stop: EPR-SR-A

Denver, CO 80202-1129

"Hight, Paul" <HightPK@cdm.com> wrote on 04/23/2007 11:38:40 AM:

> Jim - take a look at this, I think it provides the information you need.

> If not, or not enough, let me know and I will put something else together.

>

> Paul Hight

> CDM - Gilt Edge Site

> -----Original Message-----

> From: Hanley.James@epamail.epa.gov

[mailto:Hanley.James@epamail.epa.gov]

> Sent: Monday, April 23, 2007 9:29 AM

> To: Hight, Paul

> Cc: Fundingsland, Steven

> Subject: Status of CADD updates to as-built water management infrastructure at GEM

> Importance: High

> Steven,

> Have you been able to turn the CAD capability at CDM Denver to the ongoing task of bringing all the "as-built" field engineering changes to

> the ARD water management circuits into a "record set" of facility drawings? I would like to see this task completed while I am still working on the Site so that my successor has an easier time of learning

> the site drainage, collection, and treatment systems.

> In addition, we are facing additional pressure from SD DENR to

> substantially modify operations of the collection basins and to

> redesignate the primary basin from Sunday Pit lake to Anchor Hill pit

> lake. In my own briefings to Russ Leclerc and Bill Murray, it would

> help me to understand how we got to where we are today, i.e. reliance

> upon Sunday Pit lake for primary ARD storage.

> Peggy and I have an appointment to discuss this with our managers on

> Tuesday, 1100. Could you send me some single-line drawings depicting

> the dirty water pumpback and clean water gravity pipes or ditches at the

> Site?

> R/,

> Jim Hanley

>

> USEPA

>

> Superfund Remedial

>

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>
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>
> Mail stop: EPR-SR-A

>
> Denver, CO 80202-1129

>
> "Hight, Paul" <HightPK@cdm.com> wrote on 04/20/2007 11:28:30 AM:

> > Please let me know if any of you would like to be removed from the
> > distribution list.
> >
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> >
> > Thanks
> >
> >
> >
> > Paul Hight
> > [attachment "NEW WEEKLY REPORT 4-16-07.doc" deleted by James
> > Hanley/EPR/R8/USEPA/US]
> > [attachment "NPDES & WTP Sampling Results - NRA.xls" deleted by
James
> > Hanley/EPR/R8/USEPA/US]
>
> [attachment "Pumps-Generators-Pipes[1].pdf" deleted by James
> Hanley/EPR/R8/USEPA/US]